

Attorney's Docket No. 040071-531



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# ~~Inter~~ Patent Application of

Harald GUSTAFSSON.

Application No.: 10/022,245

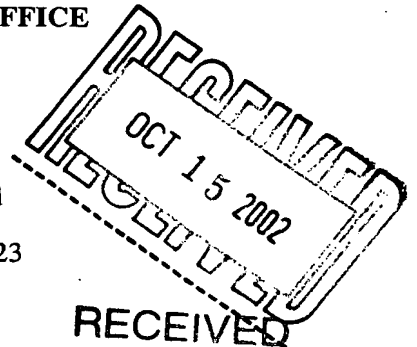
**Filed: December 20, 2001**

For: **SPEECH BANDWIDTH EXTENSION**

Group Art Unit: 2641

**Examiner:** Unassigned

Confirmation No.: 7123



RECEIVED

OCT 10 2002

**Technology Center 2600**

## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Sir:**

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:

Kenneth B. Leffler

Registration No. 36,075

Date: October 9, 2002



Patent  
Attorney's Docket No. 040071-531

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Harald GUSTAFSSON	)	Group Art Unit: 2641
	)	
Application No.: 10/022,245	)	Examiner: Unassigned
	)	
Filed: December 20, 2001	)	Confirmation No.: 7123
	)	
For: SPEECH BANDWIDTH EXTENSION	)	

RECEIVED  
OCT 10 2002  
Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

**International Search Report issued in connection with International Application No. PCT/EP02/00181, mailed September 16, 2002:**

PCT Patent Publication No. WO01/67437 A, September 13, 2001.

PCT Patent Publication No. WO98/52187 A, November 19, 1998.

Yan Ming Cheng et al.: "Statistical recovery of wideband speech from narrowband speech", IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 4, October 1994, pages 544-548, XP000874178.

Patent Abstracts of Japan, Vol. 1997, No. 06, 30 June 1997 and Japanese Patent Publication JP 09 055778 A, February 25, 1997.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b) no fee or statement is required.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than 30 (thirty) days prior to the filing of this Information Disclosure Statement.

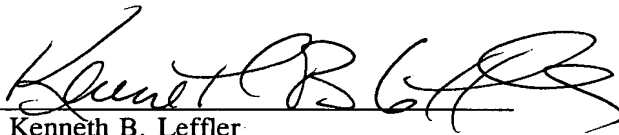
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: October 9, 2002

By:



Kenneth B. Leffler  
Registration No. 36,075

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

